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Art Unit		2162	
Examiner Name	Giova	nna B. Colan	
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/GC/	4	YOAV FREUND, et al., "Experiments with a New Boosting Algorithm". Machine Learning: Proceedings of the Thirteenth International Conference, 1996, 9 pages.	
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/GC/	8	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 2, 62 pages (41-100).	
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/GC/	11	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 5, 60 pages (227-287).	
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/GC/	13	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 7, 62 pages (349-413).	
/GC/	14	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 8, 50 pages (414-464).	

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/GC/	15	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 9, 41 pages (465-505).							
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/GC/	18	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 12, 65 pages (577-642).							
/GC/	19	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 13, 45 pages (643-686).							
/GC/	20	VLADIMIR N. VAPNIK, Statistical Learning Theory, 1998, pt. 14, 50 pages (687-back cover).							
/GC/	21	SRIRAM RAMACHANDRAN AND RAMANUJAN KASHI, "An Architecture for ink Annotations on Web Documents", Proceedings of the Seventh International Conference on Document Analysis and Recognition, Aug. 3-6, 2003 Pages 256-260 vol. 1 Retrieved from IEEE Xplore on 9/27/2006							
/GC/	22	IVAN POUPYREV, NUMADA TOMOKAZU AND SUZANNE WEGHORST, "Virtual Notepad: Handwriting in Immersive VR", IEEE, Proceedings of VRAIS' Atlanta, Georgia, March 1998 Retrieved from CiteSeer on 9/29/2006							
/GC/	MARCEL GOTZE, STEFAN SCHLECHTWEG AND THOMAS STROTHOTTE, "The Intelligent PenToward a Uniform Treatment of Electronic Documents", 2002 Retrieved from CiteSeer on 9/29/2006								
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